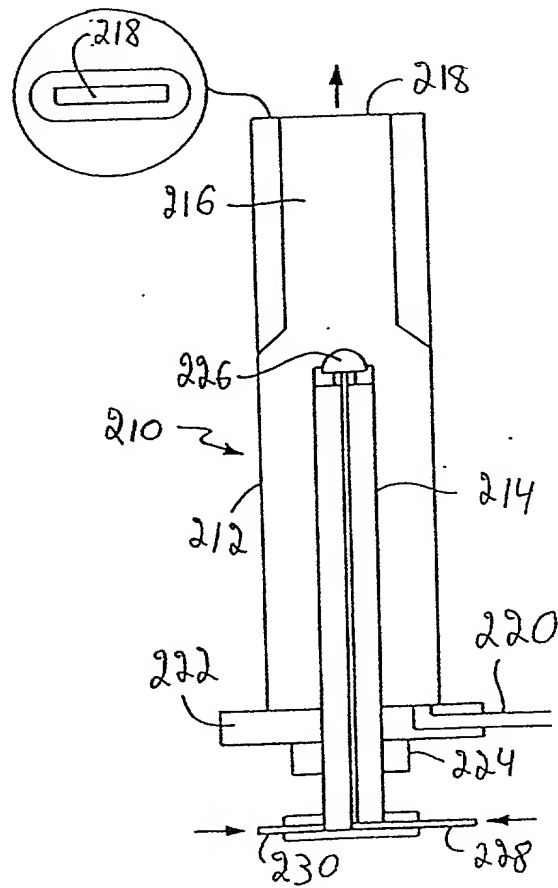
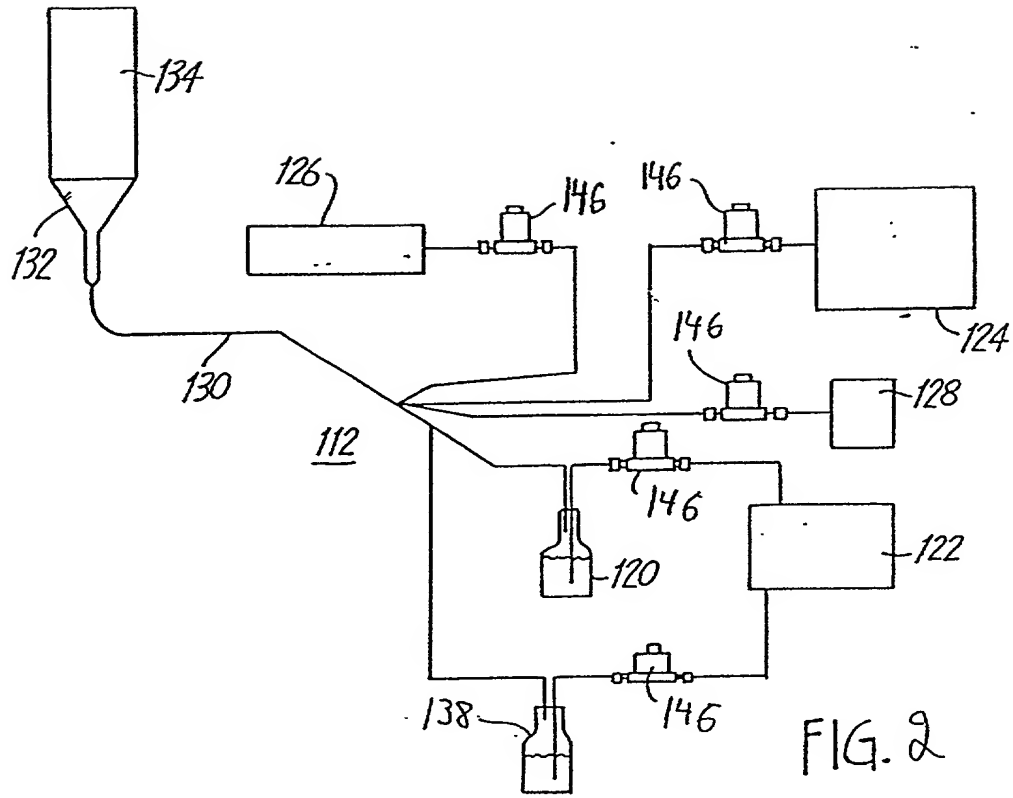


FIG. 1



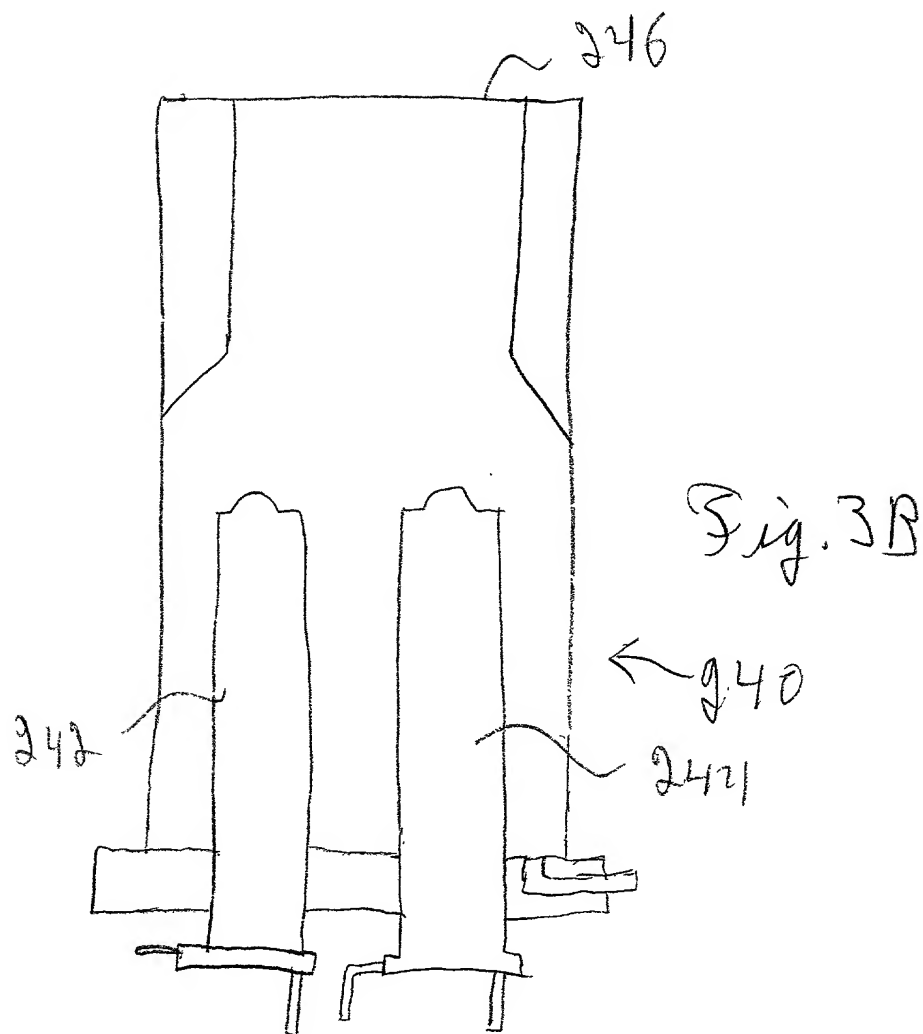


Fig. 4

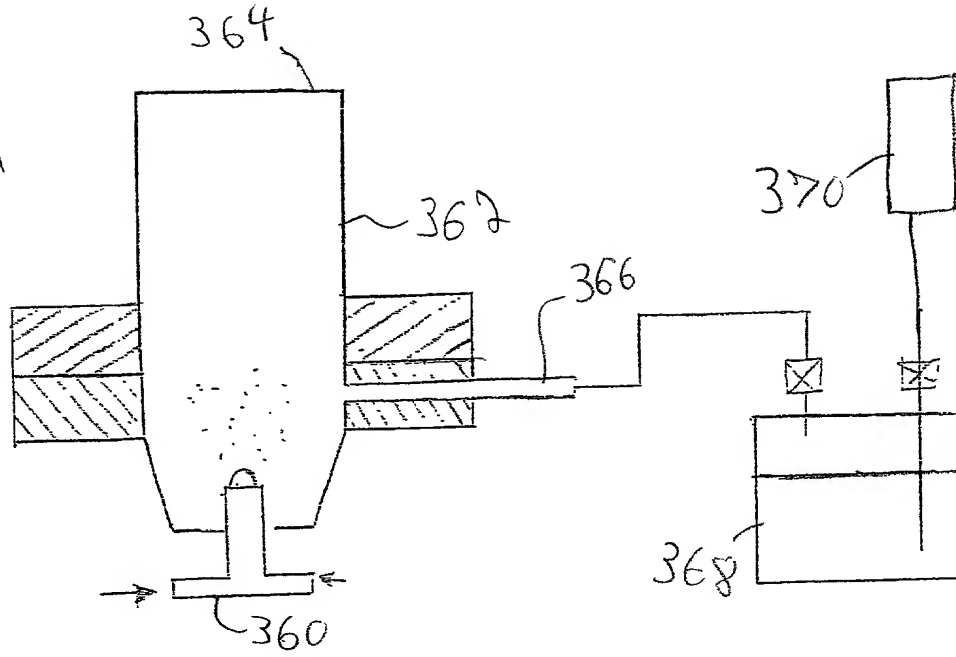
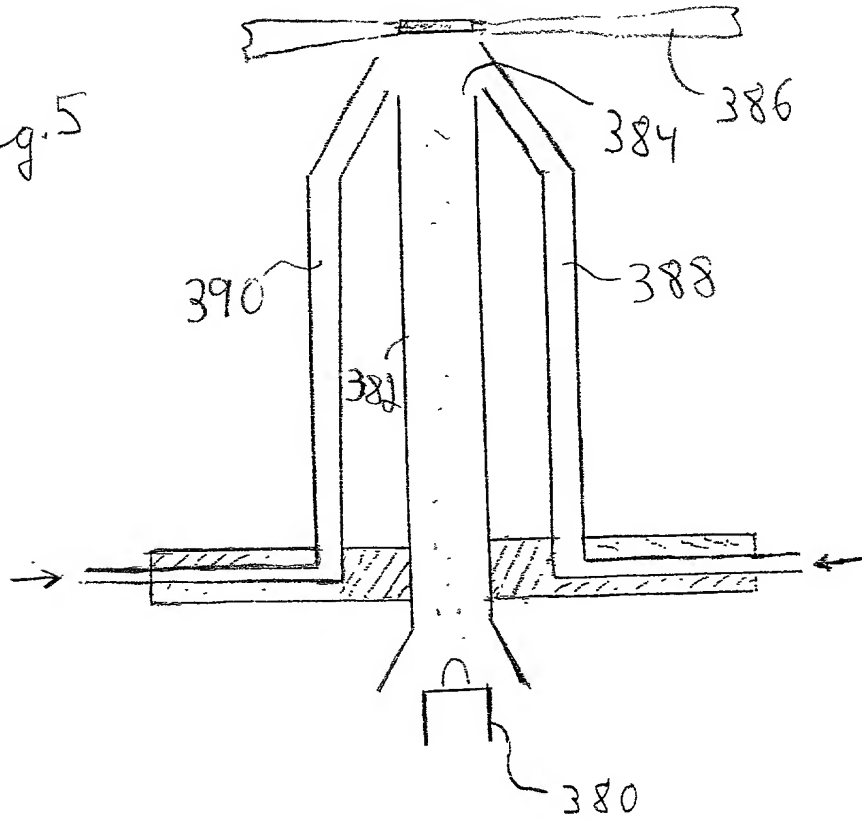


Fig. 5



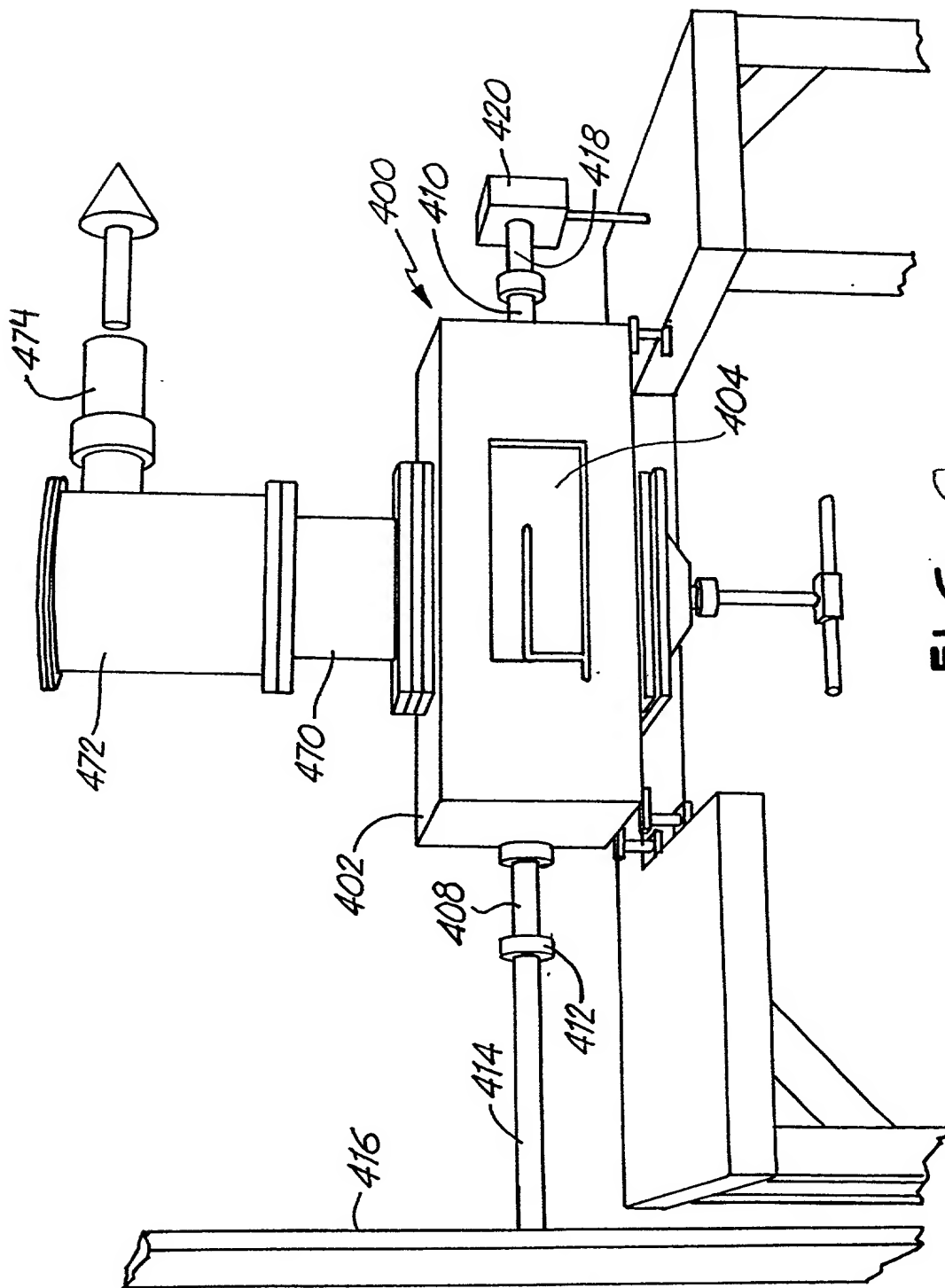
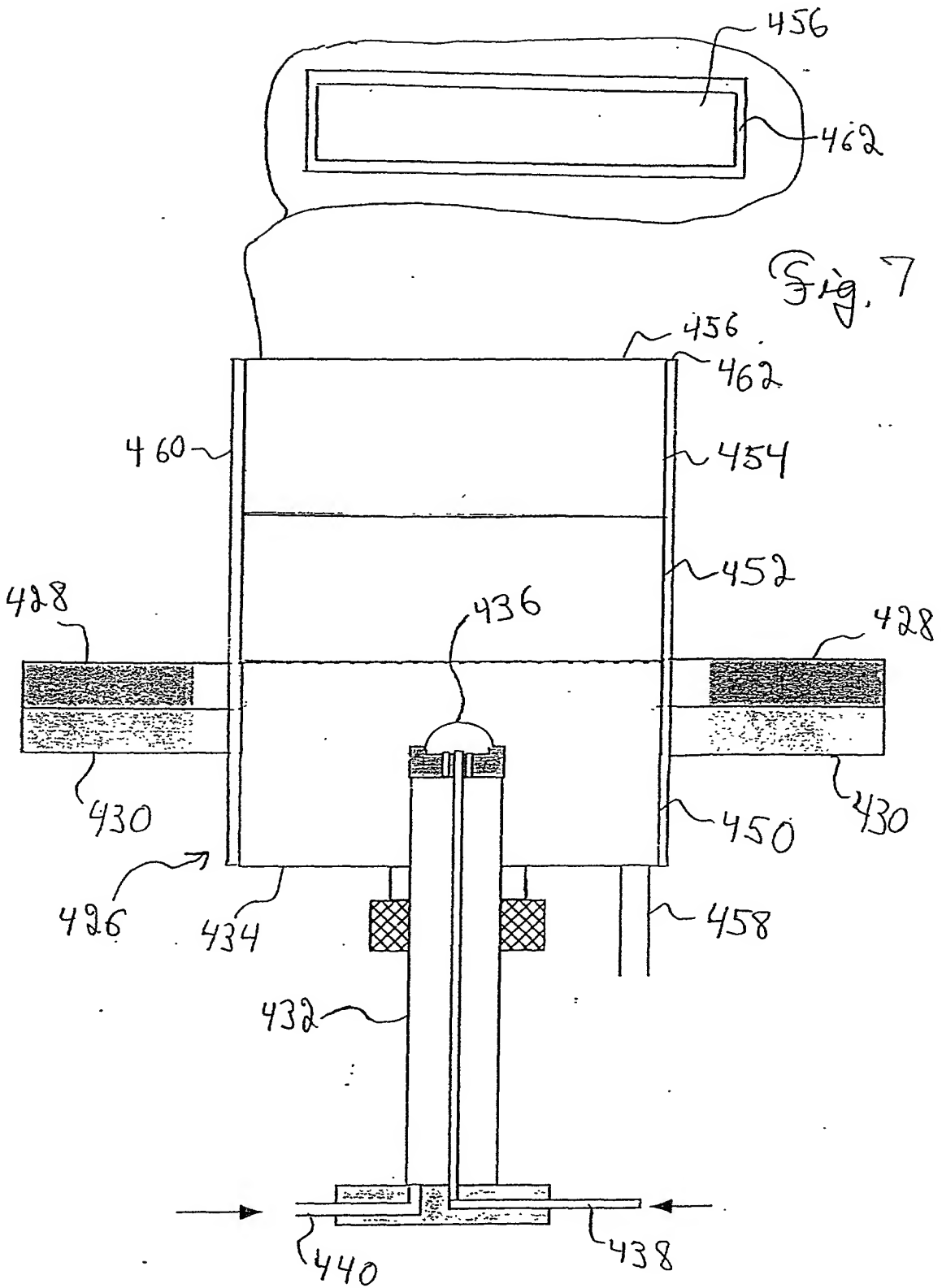


FIG. 6

2025107465600T 10099597.031502



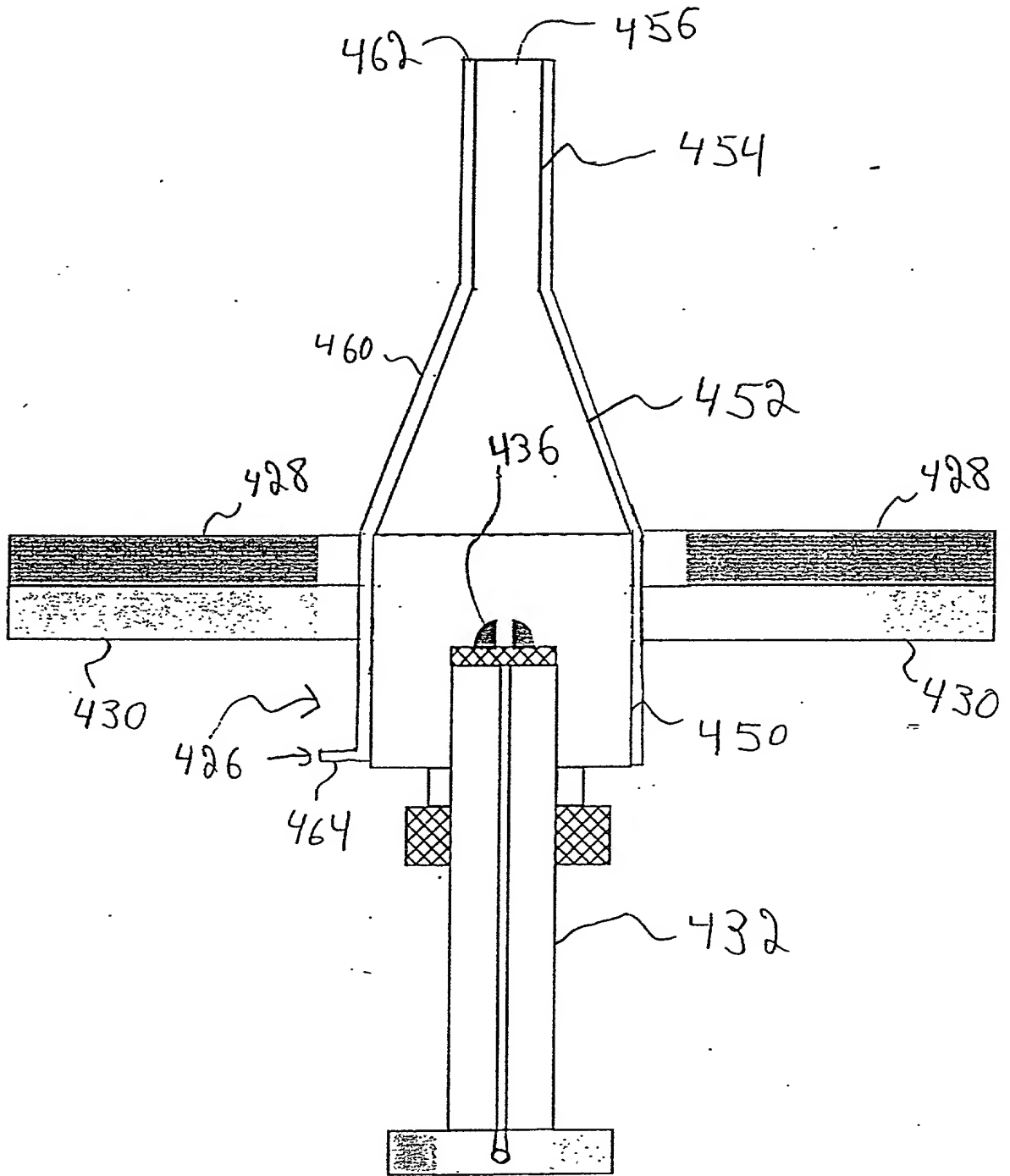
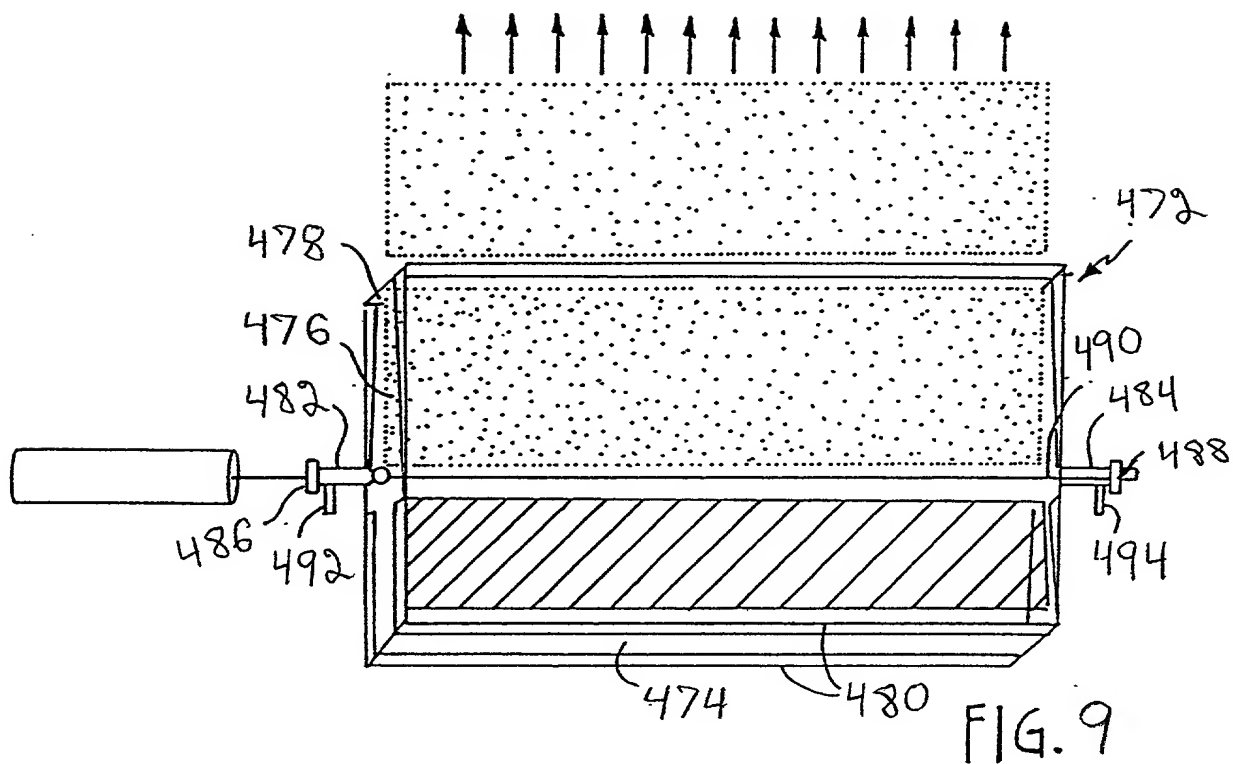


Fig. 8



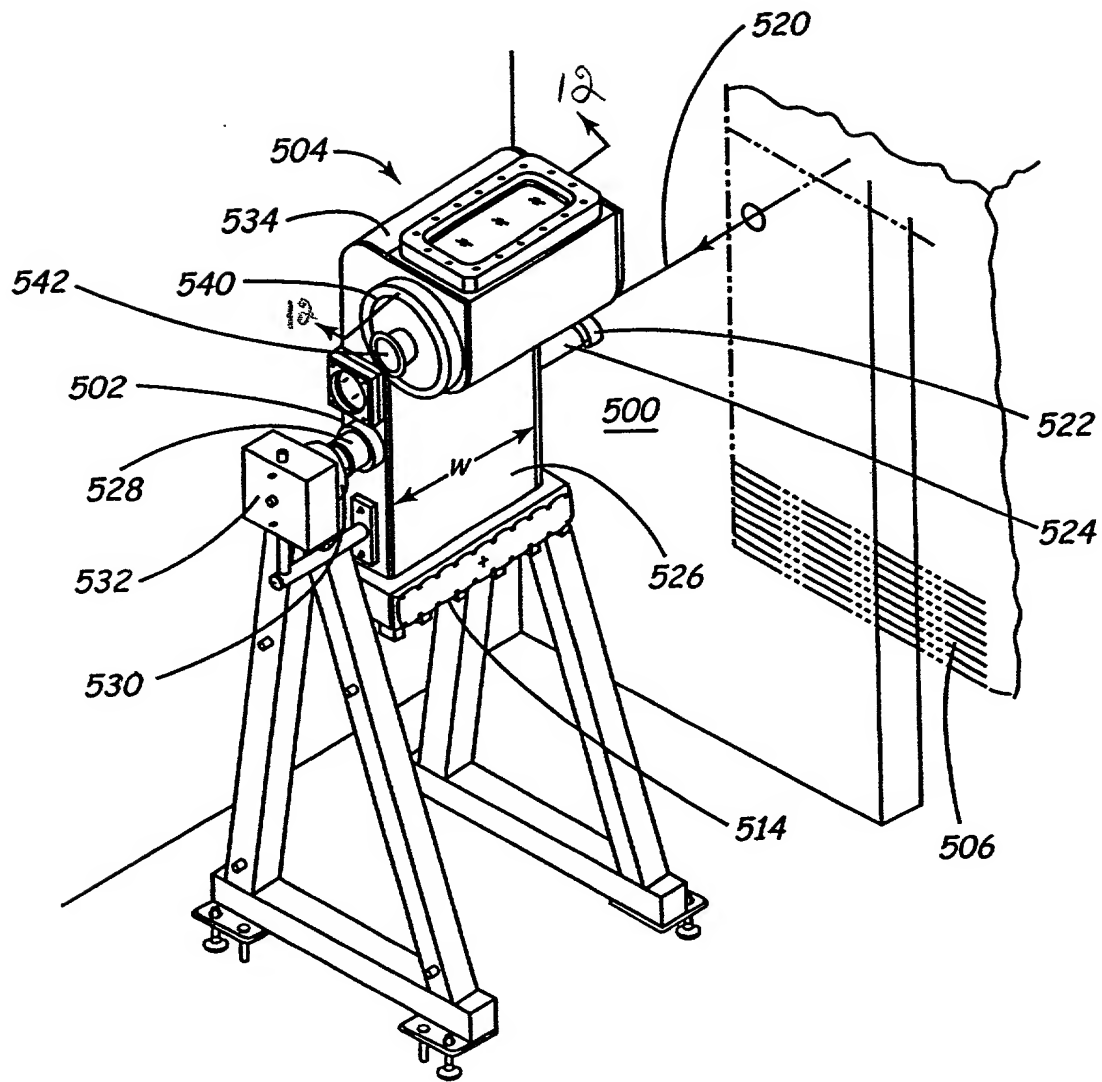
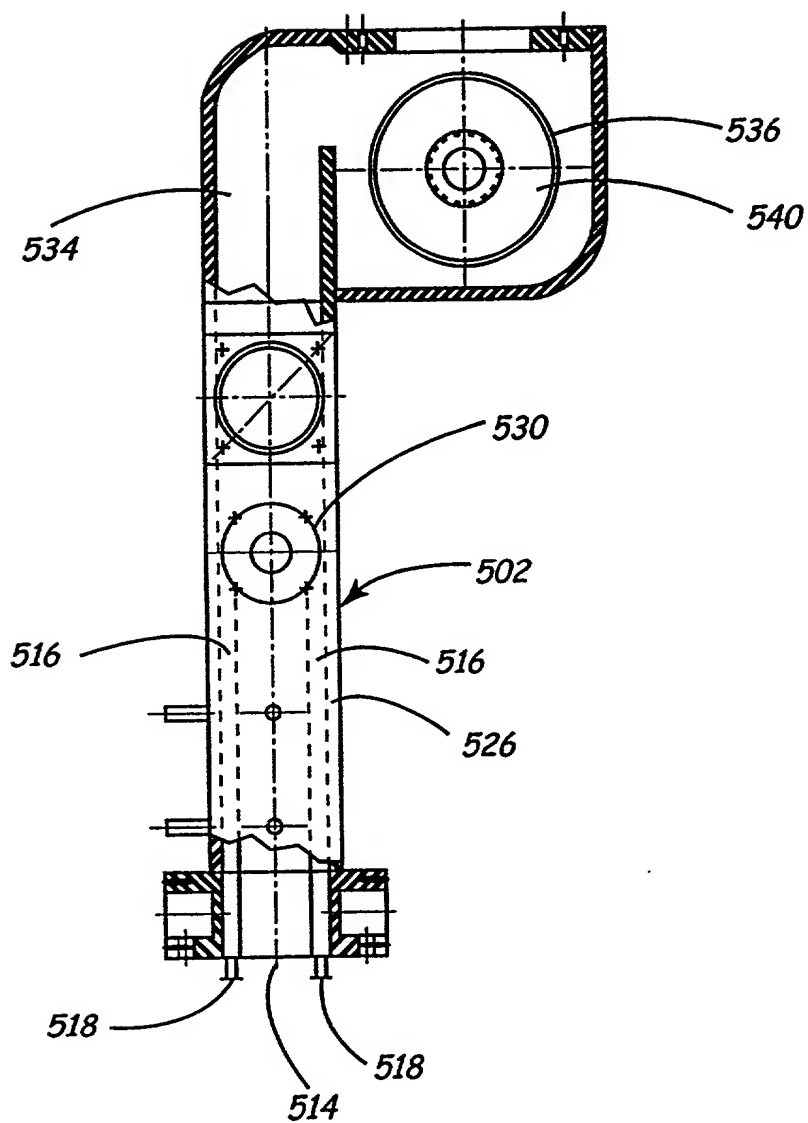


FIG. 10



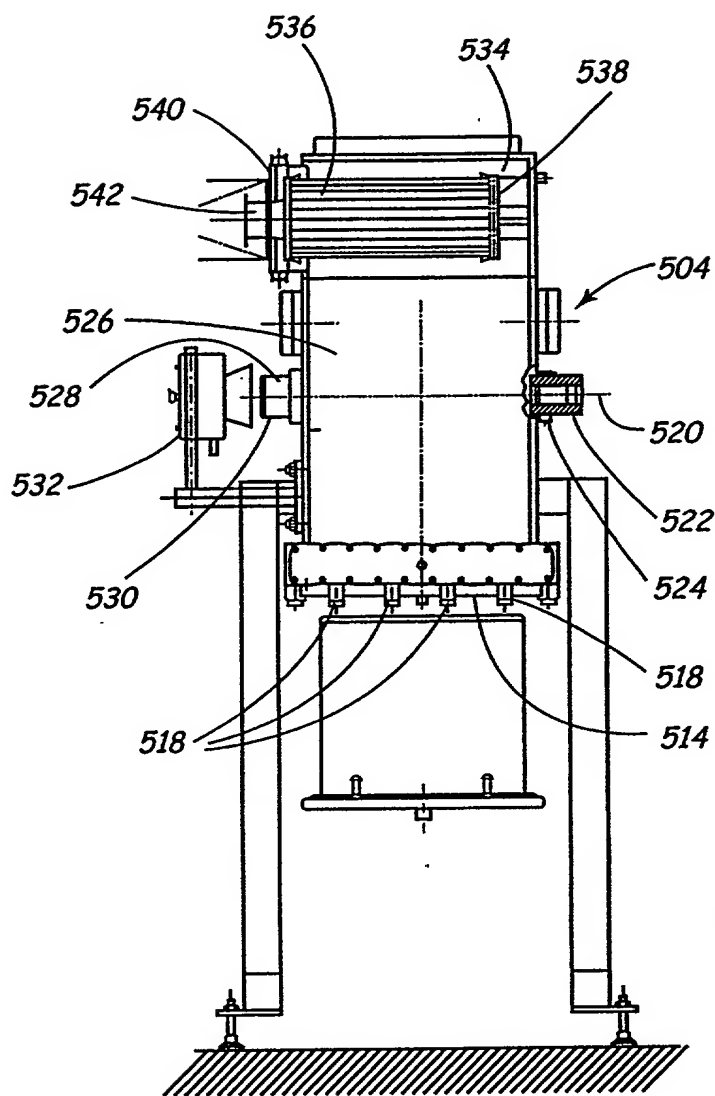


FIG. 12

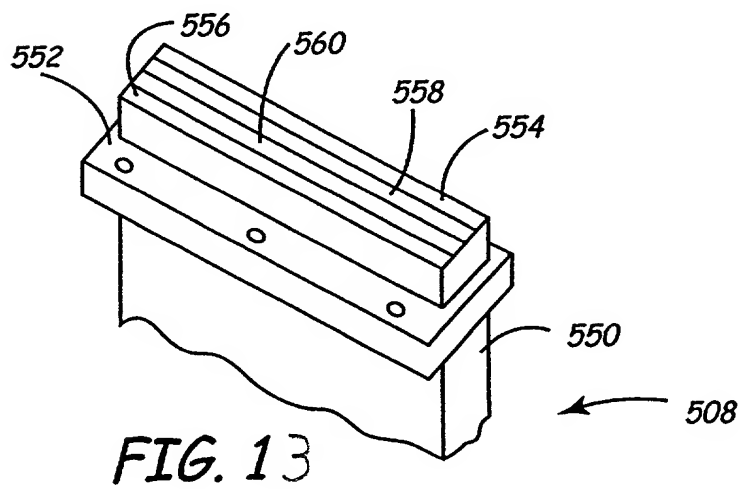


FIG. 13

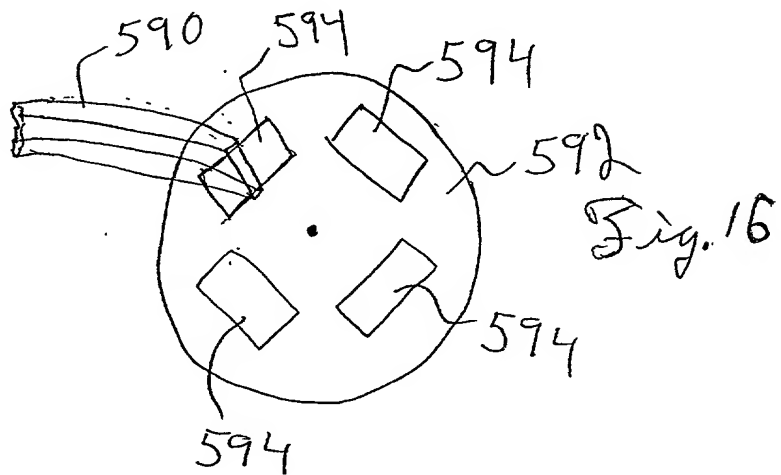
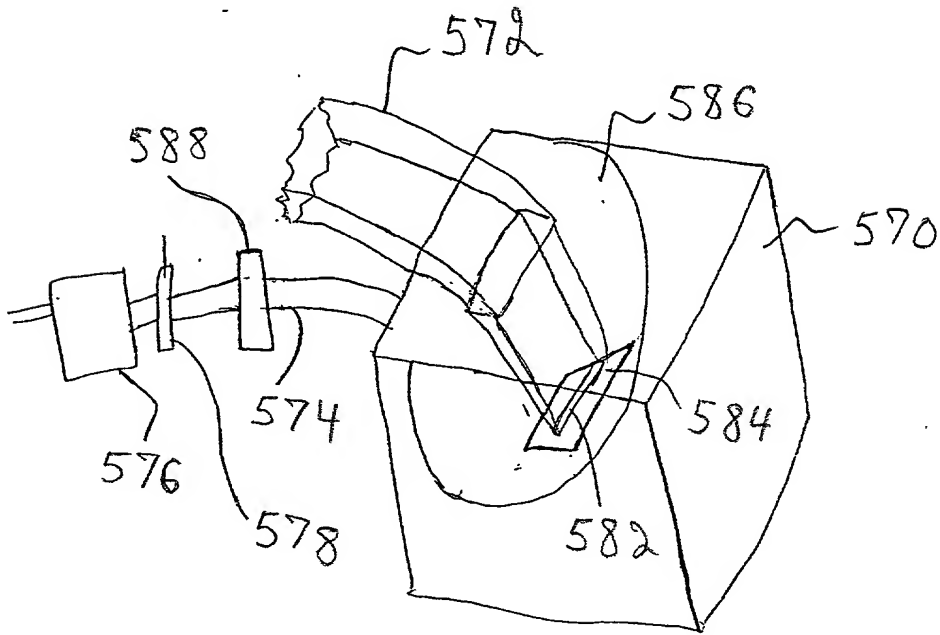
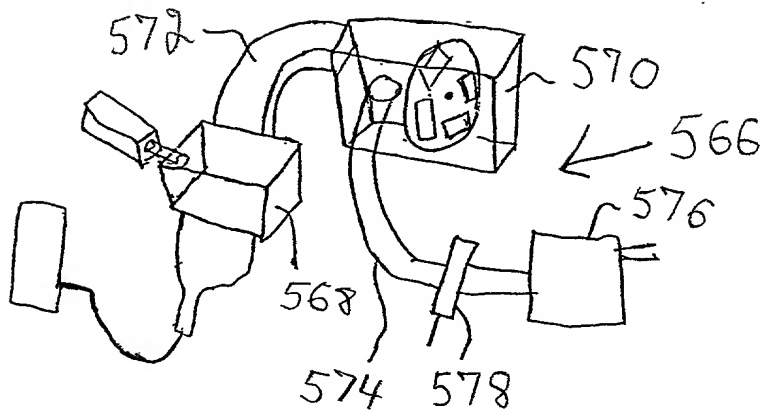


Fig. 17

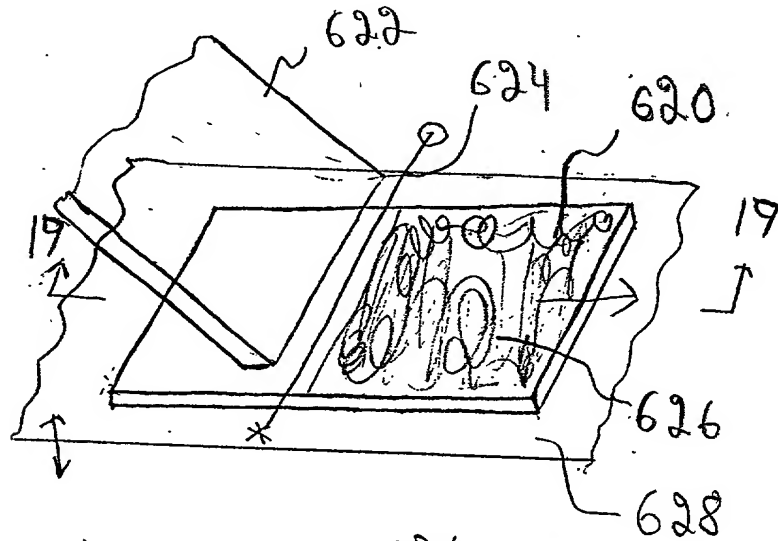
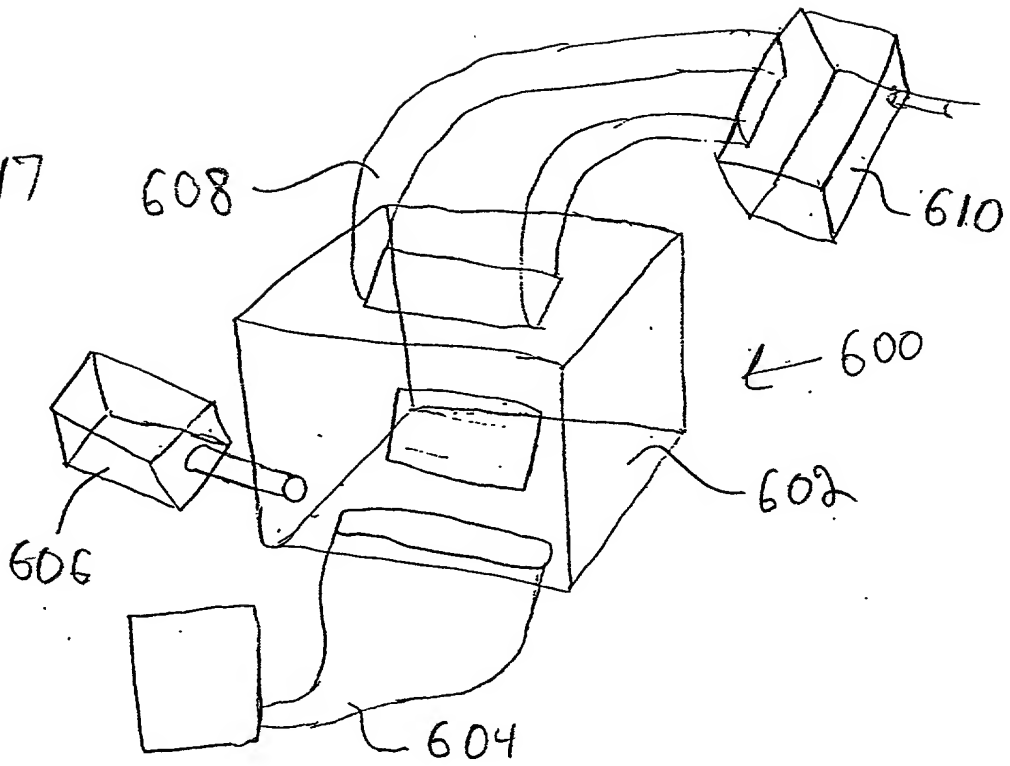


Fig. 18

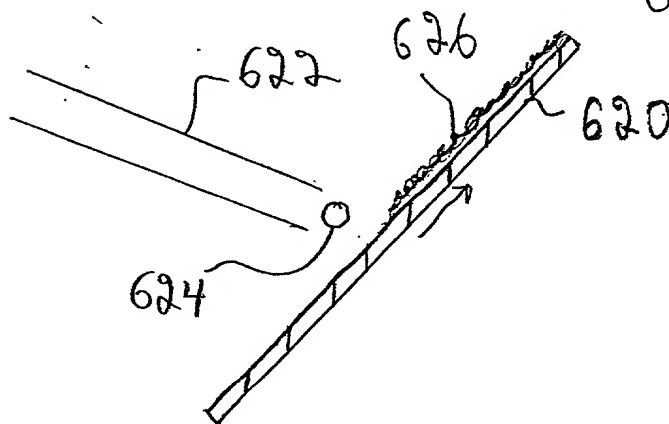
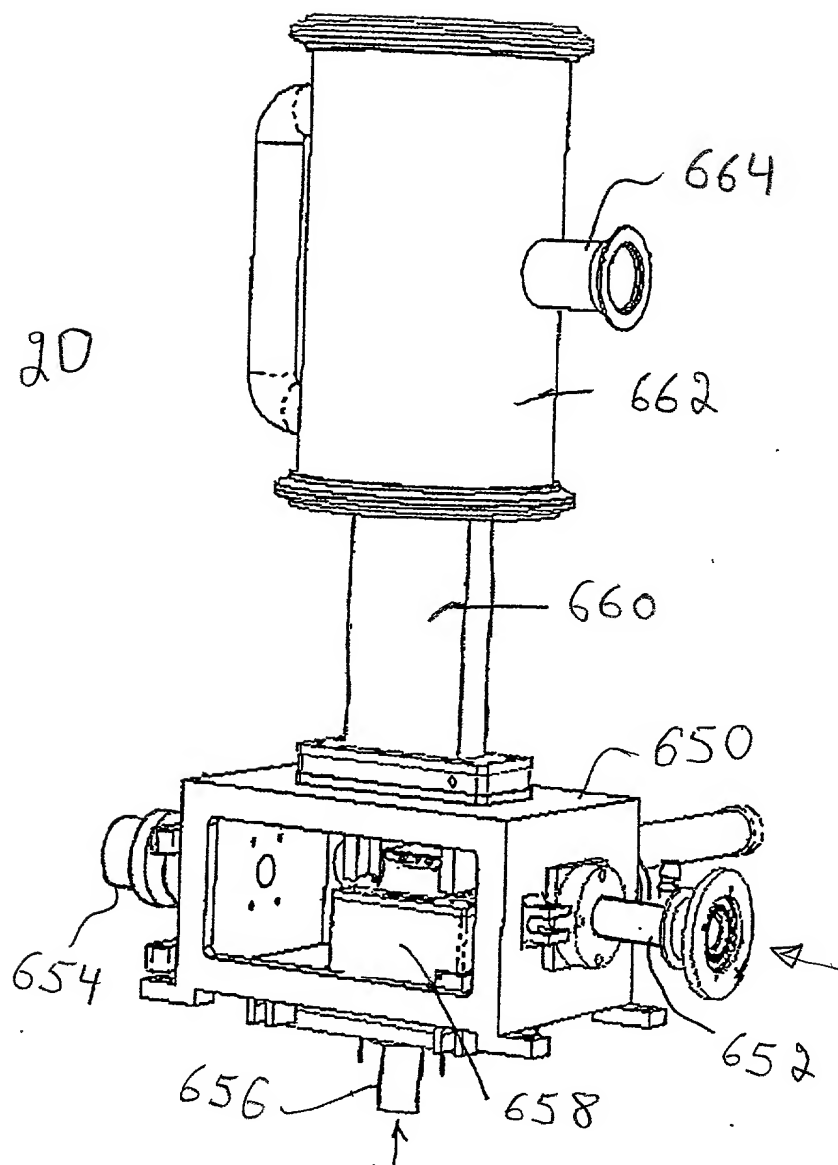


Fig. 19

Fig. 20



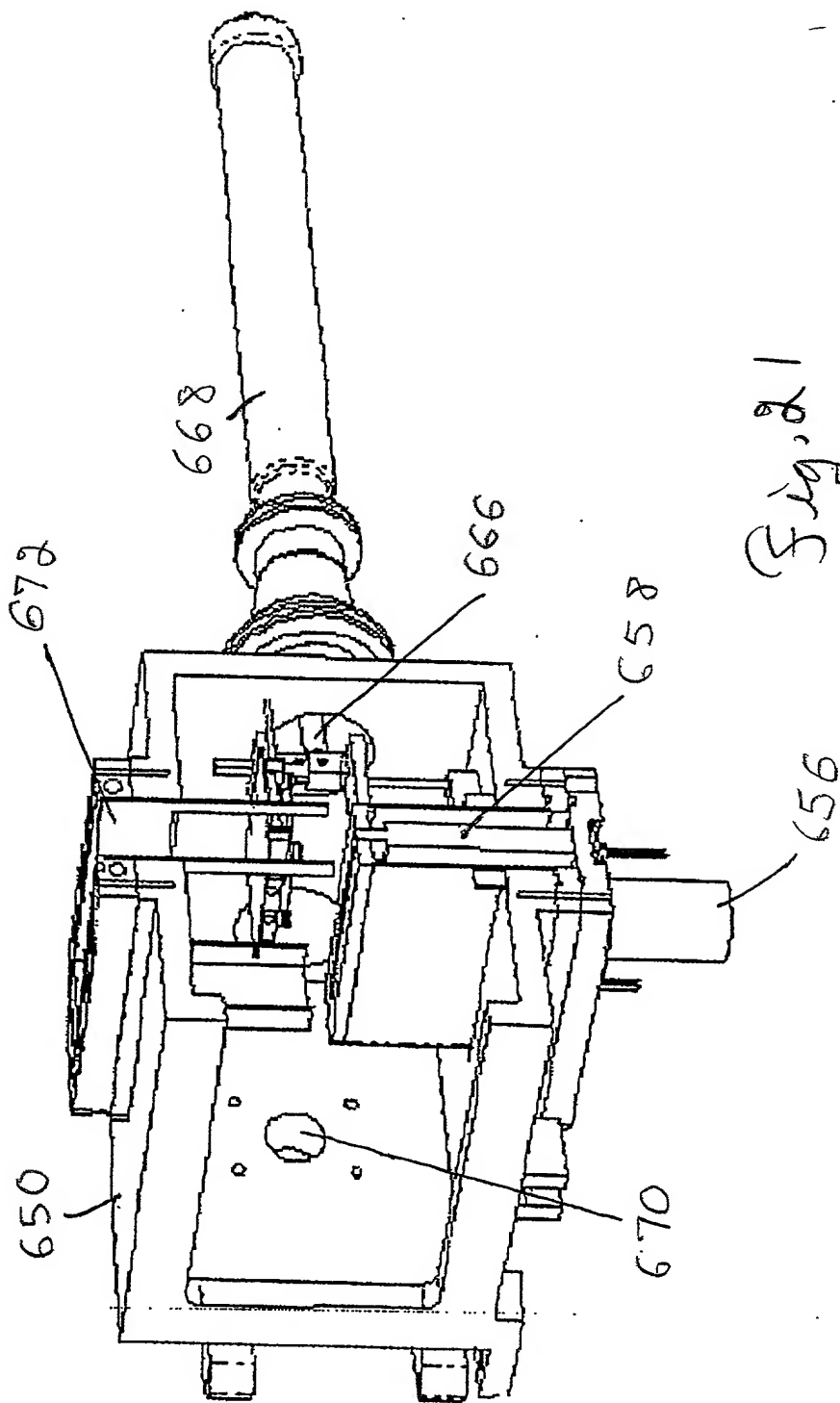
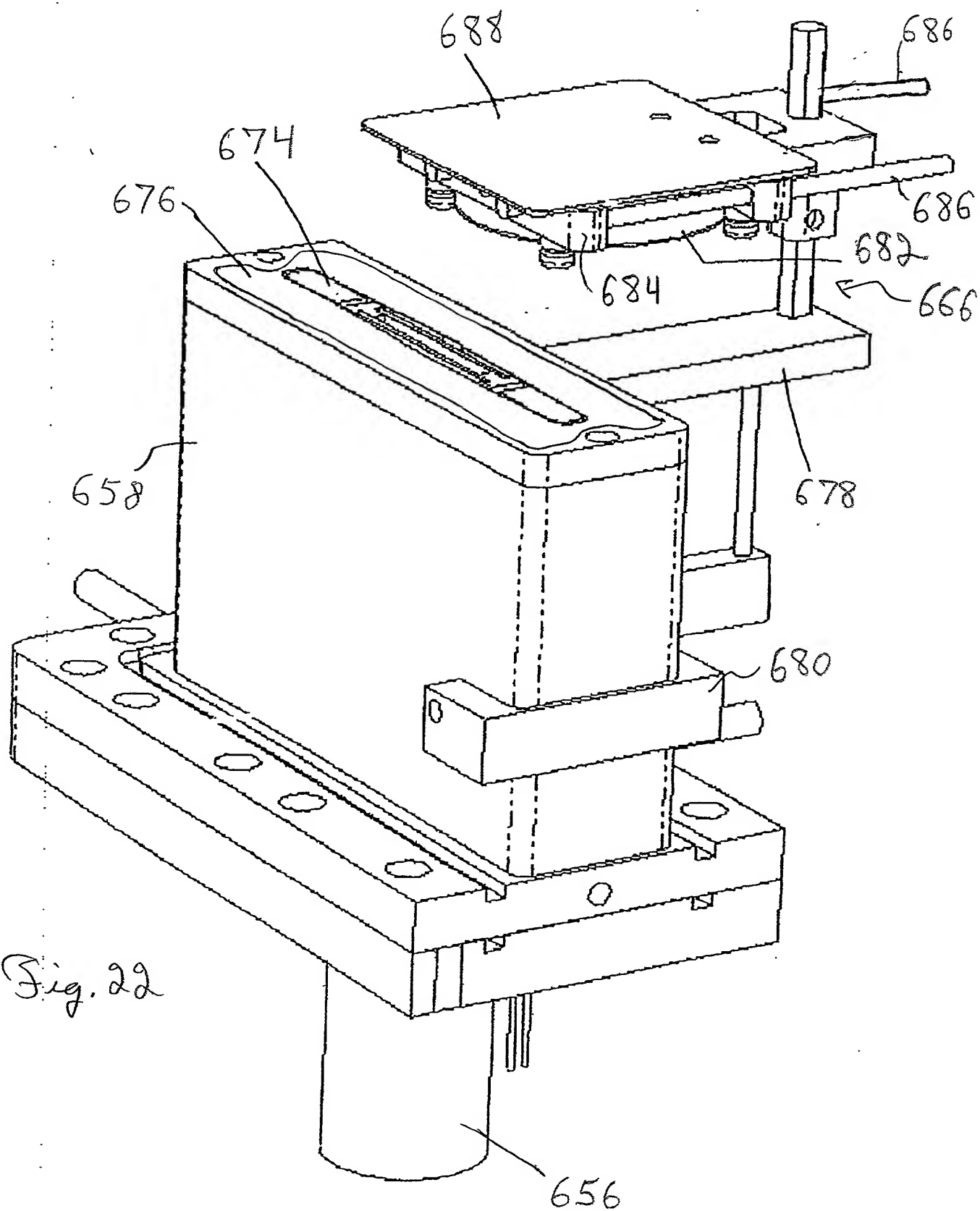
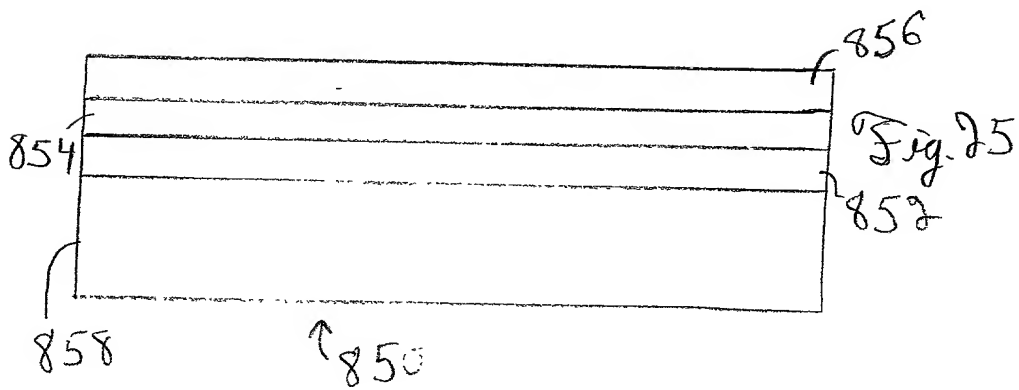
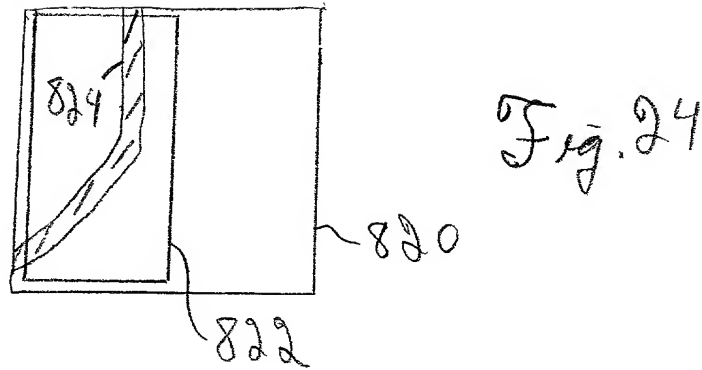
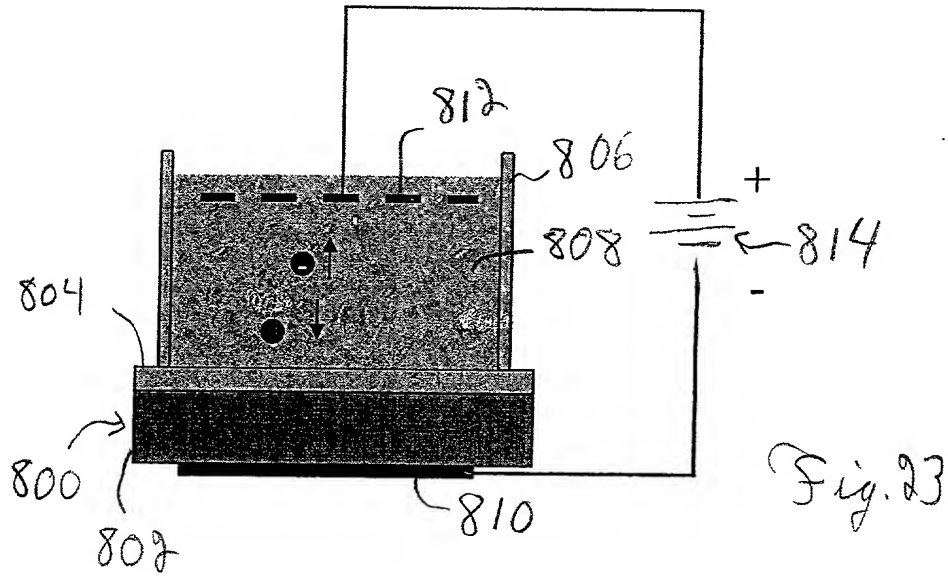
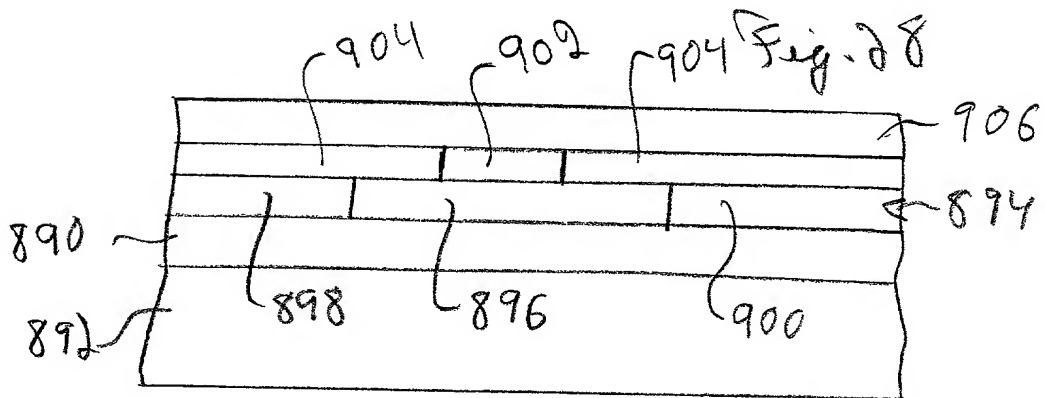
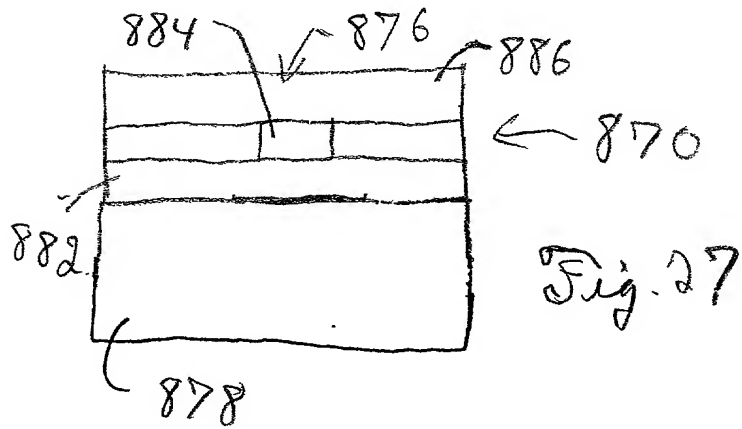
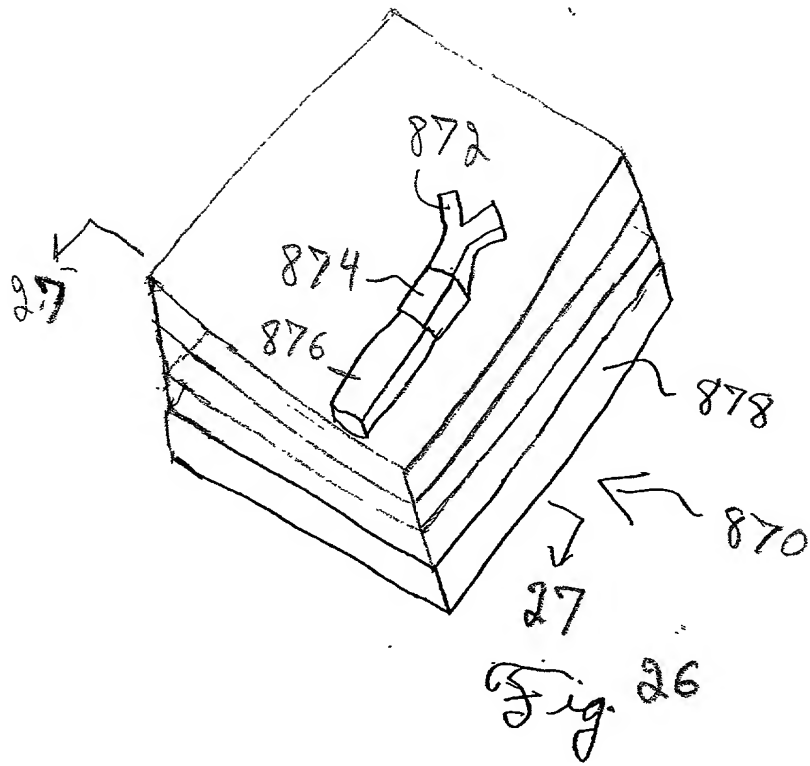


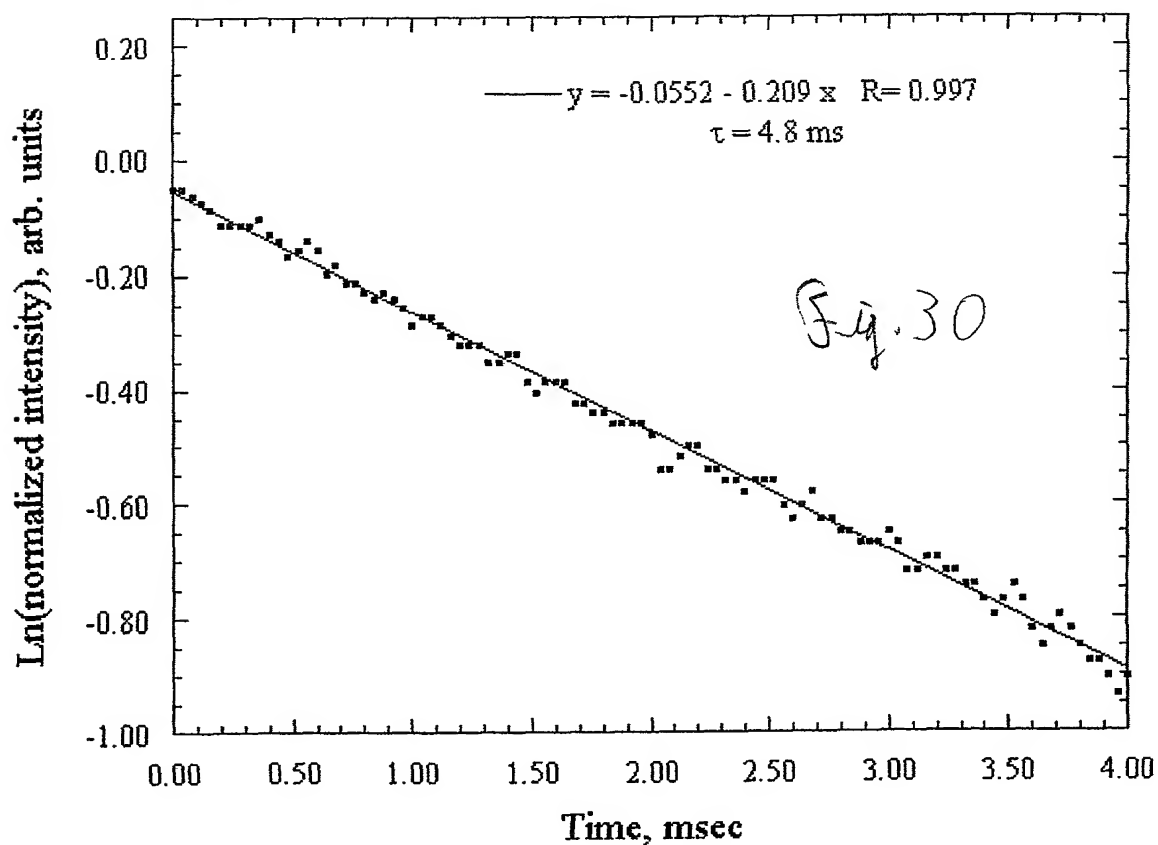
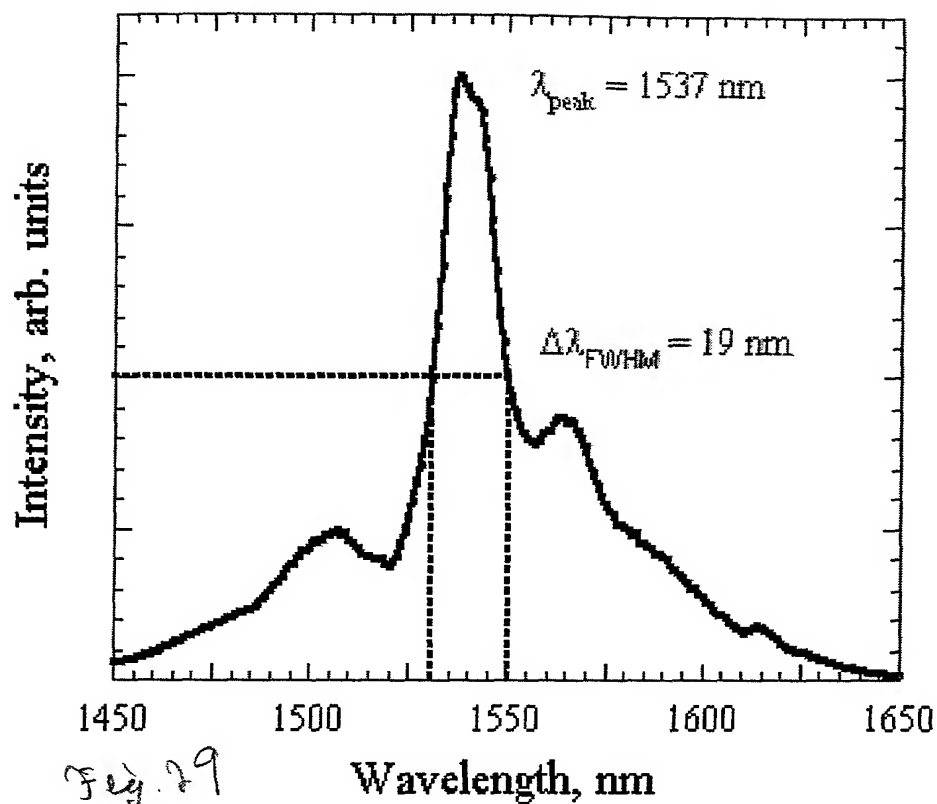
Fig. 21



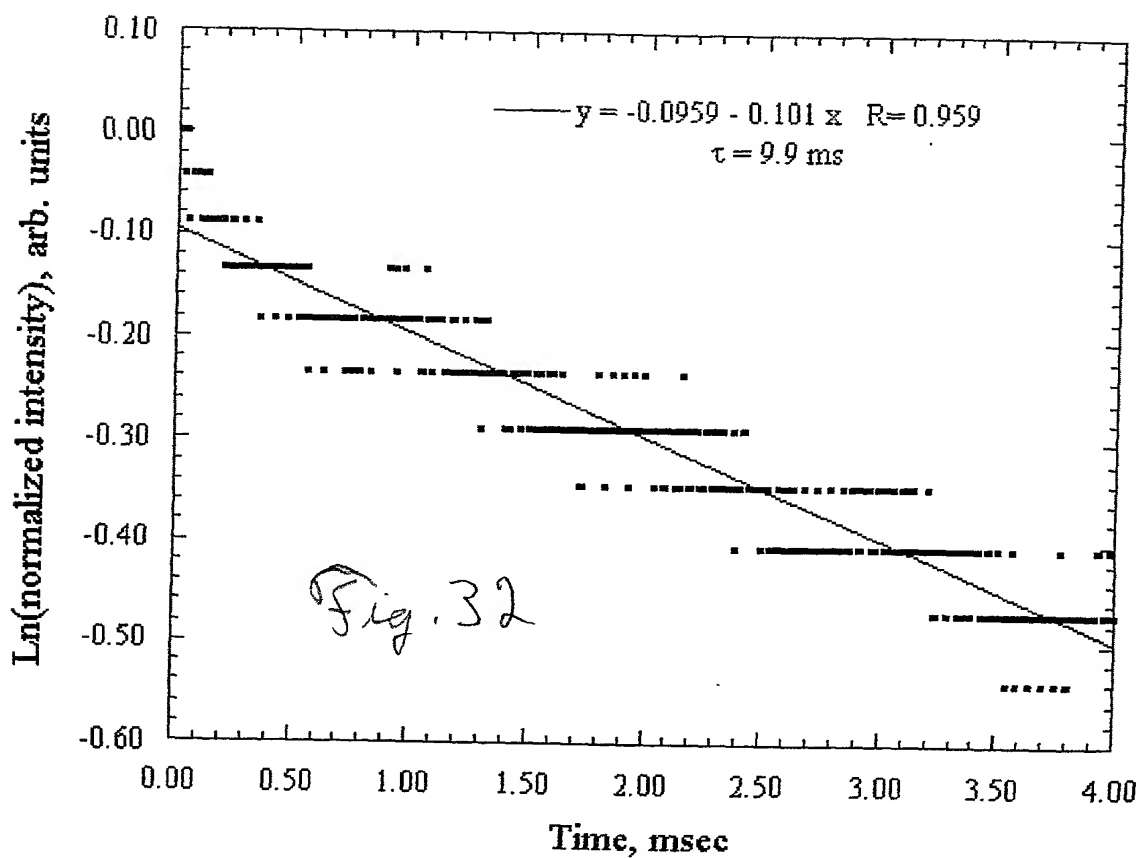
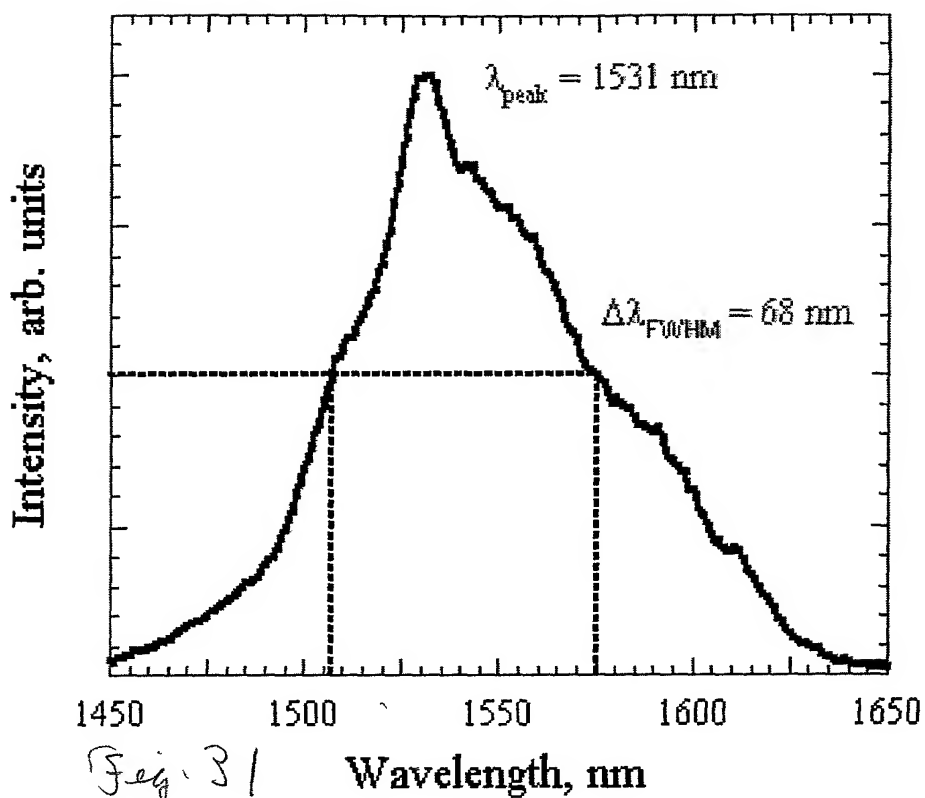




Er Luminescence Data



Er Luminescence Data



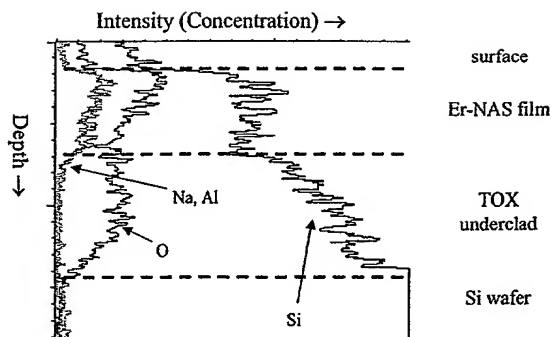


Fig. 33

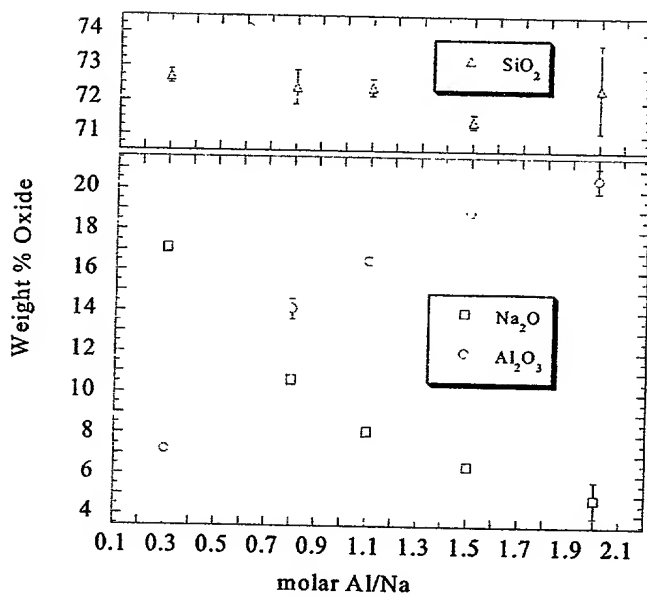


Fig. 34

Er Luminescence Data - EAS269b

